

SPECIFICATION SHEET

JFW MODEL 75S-371

1P8T SELF TERMINATING SOLID STATE RF SWITCH

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Frequency Range	5-2150 MHz
Configuration	1P8T Self Terminating
Impedance	75 Ohms nominal
VSWR	1.3:1 typical 1.5:1 maximum
Insertion Loss	2.5 dB typical 5-1000MHz 3.0 dB typical 1000-2150MHz 3.5 dB maximum 5-2150MHz
Isolation	80 dB typical 5-1000MHz 70 dB typical 1000-2150MHz 60 dB minimum 5-2150MHz
Switching Speed	10 microseconds (50% TTL to 10% or 90% RF)
RF Input Power	+10 dBm average 5-100MHz +20 dBm average 100-2150MHz
Control Logic (8 Lines)	TTL "Low" (0-0.8V) for OFF and internally terminated in 75 Ohms TTL "High" (2.0-5.0V) for ON [i.e. C1 High for J1-J9 (common)]
DC Supply	+12 Vdc @ 210 mA nominal
RF Connector	F female
Operating Temperature Range	0°C to +70°C
Storage Temperature Range	-55°C to +90°C
Physical Size	See outline drawing 092-6967

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